

WHAT IS CLAIMED IS:

1. A distributed processing system comprising:
 - a first device which saves a driver module that is executed by an external device to achieve a predetermined function; and
 - a controller for acquiring the driver module from said first device, and transmitting the driver module to a second device that uses said first device, wherein said second device drives said first device by executing the driver module.
 2. The system according to claim 1, wherein said first device is an input device, said second device is an output device, and said second device drives said first device to scan image and inputs image data by executing the driver module.
 3. The system according to claim 1, wherein said first device is an output device, said second device is an input device, and said second device transfers print data to said first device by executing the driver module.
 4. The system according to claim 1, further comprising a management unit for managing information which pertains to the driver module said first device saves, and wherein said controller acquires the driver module from said first device by looking up the information managed by said management unit.

5. The system according to claim 4, wherein when
said first device is connected to said management unit,
said first device sends information which pertains to
the driver module said first device saves to said
5 management unit.

6. A distributed processing method comprising:
the acquisition step of acquiring a driver module
from a first device which saves the driver module that
is executed by an external device to achieve a
10 predetermined function; and
the transmission step of transmitting the driver
module to a second device that uses said first device,
wherein said method controls said second device
to drive said first device by making it execute the
15 driver module.

7. The method according to claim 6, wherein said
first device is a document input device, said second
device is a document output device, and said first and
second devices are connected to said controller via a
20 network.

8. The method according to claim 6, wherein said
first device is a document output device, said second
device is a document input device, and said first and
second devices are connected to said controller via a
25 network.

9. The method according to claim 6, wherein the acquisition step includes the step of acquiring the driver module from said first device by looking up information managed by a management unit for managing 5 information which pertains to the driver module said first device saves.

10. The method according to claim 9, further comprising the step of transmitting, when said first device is connected to said management unit, 10 information that pertains to the driver module said first device saves to said management unit.

11. A network device control apparatus for controlling devices connected to a network, comprising:

15 an acquisition unit for acquiring a driver module from a first device which saves the driver module that is executed by an external device to achieve a predetermined function; and

20 a controller for transmitting the driver module to a second device that uses said first device, wherein said control apparatus controls said second device to drive said first device by making it execute the driver module.

12. The apparatus according to claim 11, wherein said first device is a document input device, and said 25 second device is a document output device.

13. The apparatus according to claim 11, wherein said first device is a document output device, and said second device is a document input device.

14. The apparatus according to claim 11, further comprising a management unit for managing information which pertains to the driver module said first device saves, and wherein said acquisition unit acquires the driver module from said first device by looking up the information managed by said management unit.

10 15. The apparatus according to claim 14, wherein when said first device is connected to said management unit, said management unit receives information that pertains to the driver module said first device saves.

16. A network device control method for controlling devices connected to a network, comprising:

15 the acquisition step of acquiring a driver module from a first device which saves the driver module that is executed by an external device to achieve a predetermined function; and

20 the transmission step of transmitting the driver module to a second device that uses said first device, wherein said method controls said second device to drive said first device by making it execute the driver module.

17. The method according to claim 16, wherein said first device is a document input device, and said second device is a document output device.

18. The method according to claim 16, wherein said 5 first device is a document output device, and said second device is a document input device.

19. The method according to claim 16, wherein the acquisition unit acquires the driver module from said first device by looking up information managed by a 10 management unit for managing information which pertains to the driver module said first device saves.

20. The method according to claim 19, further comprising the step of receiving, when said first device is connected to said management unit, 15 information that pertains to the driver module said first device saves.

21. A program storage medium that stores a network device control program for controlling devices connected to a network, said program comprising:

20 the acquisition step of acquiring a driver module from a first device which saves the driver module that is executed by an external device to achieve a predetermined function; and

25 the transmission step of transmitting the driver module to a second device that uses said first device,

wherein said program controls said second device to drive said first device by making it execute the driver module.

22. A network device controlled by a control 5 apparatus connected to a network, comprising:

a receiving unit for receiving a driver module, which makes another device connected to the network execute a predetermined function, from the control apparatus; and

10 a communication unit for making the other device execute the function provided by the driver module, and transmitting/receiving data to/from the other device in association with the function under the control of the control apparatus.

15 23. The device according to claim 22, wherein said network device has one of an image scan function and image print function as a function that said device can execute, and the other device has the other function.

24. A control method of a network device connected to 20 a network together with a control apparatus, comprising:

the reception step of receiving a driver module, which makes another device connected to the network execute a predetermined function, from the control 25 apparatus; and

the communication step of making the other device execute the function provided by the driver module, and transmitting/receiving data to/from the other device in association with the function under the control of the 5 control apparatus.

25. A computer readable storage medium that stores a control program of a network device connected to a network together with a control apparatus, comprising:

the reception step of receiving a driver module, 10 which makes another device connected to the network execute a predetermined function, from the control apparatus; and

the communication step of making the other device execute the function provided by the driver module, and 15 transmitting/receiving data to/from the other device in association with the function under the control of the control apparatus.

26. A driver server comprising:

a first storage unit for storing driver modules 20 to be executed by a given device so as to allow the given device to use another device connected to a network; and

a table for managing the driver modules stored in said first storage unit so as to be searchable by the 25 given device.

27. The server according to claim 26, wherein said table is registered with device names used upon executing the driver modules stored in said first storage unit, types of services provided upon executing
5 the driver modules, and identifiers of the driver modules.

28. The server according to claim 27, wherein when a service request is received from the given device, a driver module corresponding to the requested service is
10 sent to the given device.

29. A management method of drivers, comprising:
the management step of storing driver modules to be executed by a given device so as to allow the given device to use another device connected to a network,
15 and searchably managing the driver modules using a table; and
the search step of searching the driver modules managed in the management step in response to a request from the given device.

20 30. The method according to claim 29, wherein the table is registered with device names used upon executing the driver modules, types of services provided upon executing the driver modules, and identifiers of the driver modules.

25 31. A computer readable storage medium that stores a computer program, said program comprising:

the management step of storing driver modules to be executed by a given device so as to allow the given device to use another device connected to a network, and searchably managing the driver modules using a 5 table; and

the search step of searching the driver modules managed in the management step in response to a request from the given device.